Phoenix Stream Number

Phoenix Soil LLC

Waste Product Survey

I. Generator Information	Mail Address:	Site Address:
Owners Name USEPA Region I(Turkey Brook)	5 Post Office Square, Mail Code: OSR	20 McLennan Drive
Contact Ted Bazenas	Boston, MA 02109	Oakville, CT 06779
Phone #: 671-918-1230		
II. Invoice Information	**Mail Address** ☐ Same as Above	**III. Quantity Anticipated**
Name John Curley	114 Bridge Rd	Amount: 60 Tons est.
Contact ENPRO Services	Salisbury, MA 01952	
Phone #: 978-225-1122		☒ Bulk ☐ Drums ☐ Totes

IV. Physical/Chemical

TPH 3,695 ppm VHOCs 0 ppm Cyanide <2.0 ppm Moisture % Mercury <0.024 ppm pH 5.69 Chromium <9.81 ppm Paint Filter NFL PCBs <0.05 ppm Sulfur <2.0 ppm

MASS Analysis

TCLP Characteristics

K=Determined by generators knowledge of waste stream **T=Determined by analytical testing (TCLP)** Results are for Total Conc. in mg/kg

Number	Constituent	Level (mg/l)	Actual Level	K	T	Number	Constituent	Level (mg/l)	Actual Level	K	T
D004	Arsenic	5	<1.76	☐	☒	D032	Hexachlorobenzene	0.13	<0.38	☐	☒
D005	Barium	100	30.2	☐	☒	D033	Hexachlorobutadiene	0.5	<0.38	☐	☒
D018	Benzene	0.5	<0.05	☐	☒	D034	Hexachloroethane	3.0	<0.38	☐	☒
D006	Cadmium	1.0	<0.35	☐	☒	D008	Lead	5.0	59.8	☐	☒
D019	Carbon tetrachloride	0.5	<0.05	☐	☒	D013	Lindane	0.4	NR	☒	☐
D020	Chlordane	0.03	NR	☒	☐	D009	Mercury	0.20	<0.024	☐	☒
D021	Chlorobenzene	100.0	<0.05	☐	☒	D014	Methoxychlor	10.0	NR	☒	☐
D022	Chloroform	6.0	<0.05	☐	☒	D035	Methyl Ethyl Ketone	200.0	<1.2	☐	☒
D007	Chromium	5.0	<9.81	☐	☒	D036	Nitrobenzene	2.0	<0.38	☐	☒
D023	o-Cresol	200.0	<0.38	☐	☒	D037	Pentachlorophenol	100.0	<1.91	☐	☒
D024	m-Cresol	200.0	<0.38	☐	☒	D038	Pyridine	5.0	NR	☒	☐
D025	p-Cresol	200.0	<0.76	☐	☒	D010	Selenium	1.0	<7.05	☐	☒
D026	Cresol	200.0	<1.14	☐	☒	D011	Silver	5.0	<0.35	☐	☒
D016	2,4,-D	10.0	NR	☒	☐	D039	Tetrachloroethylene	0.7	<0.05	☐	☒
D027	1,4-Dichlorobenzene	7.5	<0.05	☐	☒	D015	Toxaphene	0.5	NR	☒	☐
D028	1,2-Dichloroethane	0.5	<0.05	☐	☒	D040	Trichloroethylene	0.5	<0.05	☐	☒
D029	1,1-Dichloroethylene	0.7	<0.05	☐	☒	D041	2,4,5-Trichlorophenol	400.0	<0.38	☐	☒
D030	2,4-Dinitrotoluene	0.13	<0.38	☐	☒	D042	2,4,6-Trichlorophenol	2.0	<0.38	☐	☒
D012	Endrin	0.02	NR	☒	☐	D017	2,4,5-TP (Silvex)	1.0	NR	☒	☐
D031	Heptachlor	0.008	NR	☒	☐	D043	Vinyl Chloride	0.2	<0.05	☐	☒

V.Material Type: ☐ Virgin Spill ☒ Waste Spill Is the soil ignitable under 40 CFR 261.12? ☐ Yes ☒ No

Fuel oil ☐ #2 ☐ #4 ☐ #6 ☐ Diesel ☐ Kerosene ☐ Gasoline ☐ Aviation Fuel ☐ Other:

☐ Lubricating Oil ☐ ☐ Cutting Oil ☐ Water Soluble Oil ☐ Hydraulic Oil ☐ Coolant ☐ Coal Tar

VI. Process (Describe the spill generating the waste and name(s) of company(s) located on this land over the past 75 years)

Automotive parts facility

Site Description: ☒ Industrial ☐ Commercial Residential ☐ Other:

☐ Leaking underground storage tank ☐ Leaking above ground storage tank Date of Leak:

VII. Identification

Material is RCRA hazardous? ☐ Yes ☒ No Material is state regulated? ☒ Yes ☐ No State Waste Code: CR05

VIII Shipping

DOT Hazardous Material? ☐ Yes No ☐ DOT Hazardous Substance? ☐ Yes ☐ No

Proper DOT Shipping Name: Connecticut Regulated Waste Solid Health Degree Hazard Rating 0

Hazard Class None UN, NA Number: None RQ: None

Anticipated Transporter: ☐ Jayjet ☐ Other:

IX. Generators Certification

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine. That no omissions of composition or properties exists. I also understand it is my responsibility to properly identify and classify my material in accordance with USEPA and/or State Regulations. I am also familiar with Phoenix Soil's published list of materials managed and believe the above material qualifies. I certify that this material neither contains polychlorinated biphenyls (PCB's) in concentrations greater than 25 ppm, nor has been mixed in anyway with PCB's in concentrations greater than or equal to 50 ppm. I certify that this site has no record of a NRC/DOE permit. I certify that this material is not contaminated with radioactive manufacturing and/or process constituents as defined in accordance with Nuclear Regulatory Commission and/or Department of Energy Regulations. I hereby certify that payment will be made according to the terms and conditions outlined in PSLLC's credit application.

Generator's Name Printed | Generator's Signature | Date

PHOENIX SOIL LLC
REPRESENTATIVE SAMPLE CERTIFICATION

SITE DIAGRAM - DRAW SITE, STREETS, ADJACENT STRUCTURES, EXCAVATION, STOCKPILE LOCATION

I. GENERATOR NAME EPA Region I- Turkey Brook PHONE NUMBER _____

SITE ADDRESS: STREET 20 McLennan Drive, CITY Oakville, STATE CT

II. SAMPLING DATE 11 / 21 / 14 TIME: 13 : 30 SAMPLE TYPE: ☐ GRAB ☒ COMPOSITE

SAMPLING EQUIPMENT USED: ☐ THIEF ☐ HAND ☐ SCOOP ☐ SHOVEL ☐ CORE ☐ _____

AMOUNT OF SAMPLE COLLECTED: _____ CONTAINER TYPE: ☐ GLASS ☒ PLASTIC ☐ OTHER____

ALL SAMPLING EQUIPMENT AND CONTAINERS WERE CLEAN AND UNCONTAMINATED: ☒ YES ☐ NO

NUMBER OF COMPOSITE SAMPLE(S)*: _____

* A composite sample consists of core samples taken form 3 discrete locations. Physical manipulation of the sample during collection should be minimized. At least one additional soil sample should be taken from most heavily contaminated area. (DEP may require additional analysis if circumstance or previous results show there may be additional hazardous constituents beyond what is regulated in Phoenix Soil's permit.)

0 - 10 cubic yards	1 composite sample
11 - 50 cubic yards	2 composite samples
51 - 100 cubic yards	3 composite samples
100 + cubic yards	3 composite samples for each additional 100 cubic yards.

(The above composites may be further composited into one sample for volumes totaling up to 250 cubic yards).

☐ A LABEL WAS AFFIXED TO THE SAMPLE CONTAINER WHICH INCLUDES THE FOLLOWING INFORMATION:
1) Generator Name 2) Material Type 3) Sample Date/Time 4) Sampler Name and Signature

CERTIFICATIONS

A. I, the generator/PE/LEP, using due diligence have determined that there is no reason to suspect or believe the contaminated soil described on the Waste Product Survey Form has been impacted by any release of materials other than that of the known source identified on the Waste Product Survey Form. I realize that due diligence shall consist of a search of information and records reasonably available to make the determination. Such records and information may include, but are not limited to, those of the generator, the location of the generation (facility if not the generator), Connecticut Department of Environmental Protection files and local/town files.

B. I, the generator/PE/LEP, certify that I have included sufficient history information justifying the limiting of the analytical requirements, where allowed by certification. This included at a minimum the information required by the Site History and Site Diagram.

C. I, the generator/PE/LEP, certify that I have personally examined and am familiar with the information contained on and submitted with the "Waste Product Survey" and "Representative Sample Certification". Based on this information it is my opinion that the testing and assessments undertaken were adequate to characterize the contaminated soil, and have determined that the contaminated soil is not a RCRA hazardous waste and that PSLLC can accept contaminated soil with the characteristics described in this submittal. I am aware that significant penalties including, but not limited to, possible fines and imprisonment may result if I willfully submit information which I know to be false, inaccurate or materially incomplete.

Generator Name_____ Title:_____

Generator Signature:_____ Phone:_____

PE/LEP Name _____ Title:_____

PE/LEP Signature: _____ License Number:_____

PHOENIX SOIL LAB TESTING REQUIREMENTS

VIRGIN MATERIAL (unused petroleum products)

- ***FUEL OIL #2, #4, #6***

REQUIRED ANALYSIS	ACCEPTABLE LEVEL	TEST METHOD
TPH [1]	< 100,000 ppm	418.1 or Modified 8015
Volatile's, Semi-volatile's [1]	Non-hazardous	8260
PCB'S [1]	< 25 ppm	8080 or 8082
TCLP (RCRA 8 Metals) [1]	Non-hazardous	1311
Paint Filter Test [1]	No Free Draining Liquid	9095

- ***GASOLINE [2], JET FUEL; A-1, JP-4, JP-5, KEROSENE, AND DIESEL***

REQUIRED ANALYSIS	ACCEPTABLE LEVEL	TEST METHOD
TPH [1]	< 30,000 ppm	418.1 or Modified 8015
Flashpoint [1]	Non-ignitable 40 CFR 261.21	1010
TCLP (Lead, Benzene) [2]	Non-hazardous	1311
Volatile's, Semi-volatile's [1]	Non-hazardous	8260
PCB'S [1]	< 25 ppm	8080 or 8082
Paint Filter Test [1]	No Free Draining Liquid	9095

WASTE MATERIAL (used petroleum products)

- ***LUBRICATING OIL, CUTTING OIL, WATER SOLUBLE OIL, HYDRAULIC OIL, COOLANTS, COAL TAR RESIDUE, AND QUENCH OIL*** [3]

REQUIRED ANALYSIS	ACCEPTABLE LEVEL	TEST METHOD
TPH	< 100,000 ppm	418.1 or Modified 8015
Total Haolgens	< 1,000 ppm and Non-hazardous	8260 or 9076
Flashpoint [1]	Non-ignitable 40 CFR 261.21	1010
Volatile's, Semi-volatile's	Non-hazardous	8260 , 8270
PCB	< 25 ppm	8080 or 8082
TCLP (RCRA 8 Metals)	Non-hazardous	1311
Hg (Total)	<100	7471A
Cr (Total)	Non-hazardous	7190
Paint Filter Test [1]	No Free Draining Liquid	9095

[1] certification from the generator waives the need for analytical.
[2] gasoline spills from above ground tanks require test for lead and benzene, under ground tanks require test for lead.
[3] quench oils also require a test for cyanide.

Sampling Frequency

A composite sample consists of core samples taken from 3 discrete locations. Physical manipulation of the sample during collection should be minimized. At least one additional soil sample should be taken from most heavily contaminated area. (DEP may require additional analysis if circumstance or previous results show there may be additional hazardous constituents beyond what is regulated in PSI's permit).

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